

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CFCHN

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 461554.03N/0842907.10W

**TYPE:** CNF

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**REMARKS:**

CNF ESTABLISHED TO SUPPORT NAVIGATION DATABASE.  
REPLACED CNF: RSDNF.

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
ILS OR LOC RWY 16

**FAC**

**PAT**

**AIRPORT IDENT**  
KCIU

**CITY**  
SAULT STE MARIE

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 03/05/2015

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 11/10/2014

**OFFICE:** AJV-353

**NAME:** NEIL SIMPANEN

**APPROVED BY:**

**DATE:** 03/05/2015

**OFFICE:** AJV-353

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** CEN  
**ARTCC:** ZMP  
**ATC FACILITY:**  
**OTHER:** TORONTO CENTER

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CFVFD

**STATE:** MI

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 462508.45N/0843650.43W

**TYPE:** CNF

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**REMARKS:**

CNF ESTABLISHED TO SUPPORT NAVIGATION DATABASE.  
FIX REPLACED CNF: RSDLG.

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
ILS OR LOC RWY 16

**FAC**

**PAT**

**AIRPORT IDENT**  
KCIU

**CITY**  
SAULT STE MARIE

**STATE**  
MI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 03/05/2015

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 11/10/2014

**OFFICE:** AJV-353

**NAME:** NEIL SIMPANEN

**APPROVED BY:**

**DATE:** 03/05/2015

**OFFICE:** AJV-353

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** CEN  
**ARTCC:** ZMP  
**ATC FACILITY:**  
**OTHER:** TORONTO CENTER

# RADIO FIX AND HOLDING DATA RECORD

NAME: SAULT STE MARIE VOR/DME

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 462443.60N/0841853.54W

TYPE:

AIRSPACE DOCKET: 21-AGL-13

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SAULT STE MARIE	SSM	VOR/DME	H						45000

## HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SE	SSM	VOR/DME	157.00	337.00	R	1	2400 10000	4 9
2	NE		WP	039.00	219.00	R	4	3000 10000	5 10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	462627.00N/0841324.00W	1024	4E
2	200	AAO	463442.00N/0841330.00W	1424	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR: 4W/1965.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J101					(US)
EN ROUTE	J140					(US)
EN ROUTE	Q138					(US)
EN ROUTE	Q917					(US)
EN ROUTE	V193					(US)
EN ROUTE	V300					(US)
EN ROUTE	V348					(US)
EN ROUTE	V36					(US)
EN ROUTE	V360					(US)
EN ROUTE	V45					(US)
IAP	HI-ILS OR LOC RWY 1			KAPN	ALPENA	MI (US)
IAP	HI-TACAN RWY 19			KAPN	ALPENA	MI (US)
IAP	HI-VOR OR TACAN RWY 1			KAPN	ALPENA	MI (US)
IAP	VOR RWY 23			KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 14			KANJ	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 32			KANJ	SAULT STE MARIE	MI (US)
IAP	VOR RWY 32		1	KANJ	SAULT STE MARIE	MI (US)
IAP	ILS OR LOC RWY 16			KCIU	SAULT STE MARIE	MI (US)
IAP	NDB RWY 34			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 10			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 28			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 34		2	KCIU	SAULT STE MARIE	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 01/27/2022

## REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 21-AGL-13.  
HOLDING: REMOVED UNPLANNED HOLDING CONTROLLING OBSTRUCTION AND HOLDING RESTRICTION. CHANGED PAT 1 MAX TEMPLATE FROM 10 TO 9.  
HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS.  
REMARKS: ADDED MAG VAR REMARK.  
FIX USE: REMOVED V316.  
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW/HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 01/27/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

**SIGNATURE:**